


		NTSB ID: DCA10RA079		Aircraft Registration Number: D-ALCQ	
		Occurrence Date: 07/27/2010		Most Critical Injury: Serious	
		Occurrence Type: Accident		Investigated By: Foreign	
Location/Time					
Nearest City/Place Riyadh		State	Zip Code	Local Time 0839	Time Zone UTC
Airport Proximity:		Distance From Landing Facility:			
Aircraft Information Summary					
Aircraft Manufacturer MCDONNELL DOUGLAS		Model/Series MD11/UNDESIGNAT		Type of Aircraft Airplane	
Revenue Sightseeing Flight: No			Air Medical Transport Flight: No		
Narrative					
<p>Brief narrative statement of facts, conditions and circumstances pertinent to the accident/incident:</p> <p>On July 27, 2010, at 1139 local time, a Boeing MD-11 equipped with General Electric CF6-80C2 engines, German registration D-ALCQ, operated by Lufthansa Air Cargo as flight 8460, reportedly caught fire after a hard landing at the King Khalid International Airport, Riyadh, Saudi Arabia. The flight was a scheduled cargo flight from Sharjah, United Arab Emirates (UAE) to Riyadh, Saudi Arabia. The two pilots were transported to the hospital with injuries, and the airplane was substantially damaged.</p> <p>The accident is being investigated by the General Authority of Civil Aviation (GACA) of Saudi Arabia. All inquiries should be directed to them at:</p> <p>Kingdom of Saudi Arabia General Authority of Civil Aviation P.O. Box 887 Jeddah, Saudi Arabia +966 (02) 640 5000 Ext. 2337-3368 email: gaca-info@gaca.gov.sa www.gaca.gov.sa Updated on Jul 30 2010 2:48PM</p>					
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 National Transportation Safety Board FACTUAL REPORT AVIATION		NTSB ID: DCA10RA079			
		Occurrence Date: 07/27/2010			
		Occurrence Type: Accident			
Landing Facility/Approach Information					
Airport Name	Airport ID:	Airport Elevation Ft. MSL	Runway Used	Runway Length	Runway Width
Runway Surface Type:					
Runway Surface Condition:					
Approach/Arrival Flown:					
VFR Approach/Landing:					
Aircraft Information					
Aircraft Manufacturer MCDONNELL DOUGLAS		Model/Series MD11/UNDESIGNAT		Serial Number	
Airworthiness Certificate(s): Transport					
Landing Gear Type: Retractable - Tricycle					
Amateur Built Acft? No	Number of Seats:	Certified Max Gross Wt. LBS		Number of Engines: 3	
Engine Type:	Engine Manufacturer:	Model/Series:		Rated Power:	
- Aircraft Inspection Information					
Type of Last Inspection	Date of Last Inspection	Time Since Last Inspection Hours		Airframe Total Time Hours	
- Emergency Locator Transmitter (ELT) Information					
ELT Installed?/Type	ELT Operated?	ELT Aided in Locating Accident Site?			
Owner/Operator Information					
Registered Aircraft Owner		Street Address			
		City	State	Zip Code	
Operator of Aircraft Lufthansa Air Cargo		Street Address			
		City	State	Zip Code	
Operator Does Business As:			Operator Designator Code:		
- Type of U.S. Certificate(s) Held: None					
Air Carrier Operating Certificate(s): Foreign Operation					
Operating Certificate:			Operator Certificate:		
Regulation Flight Conducted Under: Non-U.S., Commercial					
Type of Flight Operation Conducted: Scheduled; International; Cargo					
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First Pilot Information																																																																																															
Name			City		State																																																																																										
Sex:	Seat Occupied:	Occupational Pilot?		Certificate Number:																																																																																											
Certificate(s):																																																																																															
Airplane Rating(s):																																																																																															
Rotorcraft/Glider/LTA:																																																																																															
Instrument Rating(s):																																																																																															
Instructor Rating(s):																																																																																															
Current Biennial Flight Review?																																																																																															
Medical Cert.:		Medical Cert. Status:		Date of Last Medical Exam:																																																																																											
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <th rowspan="2">- Flight Time Matrix</th> <th rowspan="2">All A/C</th> <th rowspan="2">This Make and Model</th> <th rowspan="2">Airplane Single Engine</th> <th rowspan="2">Airplane Multi-Engine</th> <th rowspan="2">Night</th> <th colspan="2">Instrument</th> <th rowspan="2">Rotorcraft</th> <th rowspan="2">Glider</th> <th rowspan="2">Lighter Than Air</th> </tr> <tr> <th>Actual</th> <th>Simulated</th> </tr> <tr><td>Total Time</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Pilot In Command(PIC)</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Instructor</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Instruction Received</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Last 90 Days</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Last 30 Days</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>Last 24 Hours</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>						- Flight Time Matrix	All A/C	This Make and Model	Airplane Single Engine	Airplane Multi-Engine	Night	Instrument		Rotorcraft	Glider	Lighter Than Air	Actual	Simulated	Total Time											Pilot In Command(PIC)											Instructor											Instruction Received											Last 90 Days											Last 30 Days											Last 24 Hours										
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Seatbelt Used?		Shoulder Harness Used?		Toxicology Performed?																																																																																											
				Second Pilot? Yes																																																																																											
Flight Plan/Itinerary																																																																																															
Type of Flight Plan Filed:																																																																																															
Departure Point			State	Airport Identifier	Departure Time																																																																																										
Destination			State	Airport Identifier																																																																																											
Type of Clearance:																																																																																															
Type of Airspace:																																																																																															
Weather Information																																																																																															
Source of Wx Information:																																																																																															

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			Occurrence Type: Accident		


Weather Information					
WOF ID	Observation Time	Time Zone	WOF Elevation <div style="text-align: center;">Ft. MSL</div>	WOF Distance From Accident Site <div style="text-align: center;">NM</div>	Direction From Accident Site <div style="text-align: center;">Deg. Mag.</div>
Sky/Lowest Cloud Condition:			Ft. AGL		Condition of Light:
Lowest Ceiling:			Ft. AGL		Visibility: SM
Temperature: °C			Dew Point: °C		Altimeter: "Hg
Weather Conditions at Accident Site:					
Wind Direction:		Wind Speed:		Wind Gusts:	
Visibility (RVR): Ft.		Visibility (RVV) SM			
Precip and/or Obscuration:					

Accident Information					
Aircraft Damage: Substantial		Aircraft Fire: Ground		Aircraft Explosion	

- Injury Summary Matrix	Fatal	Serious	Minor	None	TOTAL	
First Pilot		1			1	
Second Pilot			1		1	
Student Pilot						
Flight Instructor						
Check Pilot						
Flight Engineer						
Cabin Attendants						
Other Crew						
Passengers						
- TOTAL ABOARD -		1	1		2	
Other Ground						
- GRAND TOTAL -		1	1		2	

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	Occurrence Date: 07/27/2010	
	Occurrence Type: Accident	
Administrative Information		
Investigator-In-Charge (IIC) William R. English		
Additional Persons Participating in This Accident/Incident Investigation:		
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